Android Car Navigation User Manual

The use of certain features of these devices depends on your network service provider's network settings and performance. In addition, due to the different network service providers, some certain functions of this device may not be able to apply or restrict to apply. And please contact your network service provider for consulting the network functions and availability of this device.

This mark indicates that the product used a label which is classified CLASS1 laser, indicating that the device uses the weakest level of laser beam, and there is no risk of radiation outside the unit.

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1. Quick Review

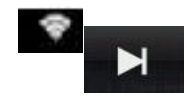
Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
PWR/VOL	**Power/Volume**	① In the off state, press this button short, the system is turned on. ② In the boot state, press this button short, the system becomes mute; press this button, the system is shutdown ③ Turn this button clockwise, the volume is increased ④ Turn this button counterclockwise, the volume is decreased.
HOME	**Main Interface**	Click to enter into main interface.
MENU	**Main Menu**	①In each function, extended manipulation of information, press the MENU key to pop up; ②In the main interface, press the MENU key for the system to quickly set function
BACK	**Back**	Click to back to the last interface.
NAVI	**Navigation**	Click to enter into GPS navigation interface.
DVD	**DVD Play**	Click to enter into disk play interface.
PHONE	**PHONE**	Click to enter into Bluetooth telephone interface.
RADIO	**RADIO**	Click to enter into radio interface for receiving FM1/FM2/ AM radio
TUNE	**Compound**	①in the audio and video playback interface, up / down one player ②In the radio interface up / move down frequency
	In/OutDisc Button	disk in and out
	SD Media	Insert the appropriate memory card, multimedia file

Warning: Before using this device, please read the manual safety and law rmation.

1.1 Turning On and Turning Off

1.2 Panel Function Button



Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be

Remark: All long press means press time at least lasting 3 seconds; Button and socket is different according to different car types, please take real type as standard.

1.3 Tips for Using Touch Screen

When using the touch screen, you can use several ways to perform corresponding operations on the device.

1.3.1 Clicking Function

You could select an application icon or option on the screen to realize clicking function. For example, click Bluetooth to enter into bluetooth application.

1.3.2 Pressing Function

You could press the current user interface, icon, inputting column by pressing function. For example, press on the blank area of the main interface, then comes a pop-up menu, you could perform some function on the menu.

1.3.3 Dragging Function

Drag the touch screen or press the scroll bar for up and down operation. For example, browse the contact list of the bluetooth phones by dragging function.

1.3.4 Zooming Function

When browsing the web, click the screen twice, then you could zoom in or out the page content. Or you could press the screen with two fingers by control the sliding distance between the fingers to zoom in or out the page content.

1.4 Main Screen

You can use the touch screen operation to use the various functions of the device. This equipment has a total of five main screen, left or right sliding can be switched with each other. Any interface press the ME physical buttons on the pan return to the main screen interface, and display the application icon in the main screen interface, click any application icon to open the program.

Note: You can add the freedom of the space of the main screen or Remove Programs icon to see equipment Basic Settings section. Click the application icon; you can view all of the programs of the equipment.

1.5 Status bar indicator

Icons on the left top of the screen are notifications for messages and events; Icons on the right top of the screen are device status indicator. If there is new message, it will be displayed on the status bar, slide your finger gently from the status bar, all prompts would be displayed. Then you could click the message and view the content.

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Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
		① In the off state, press this button short, the system

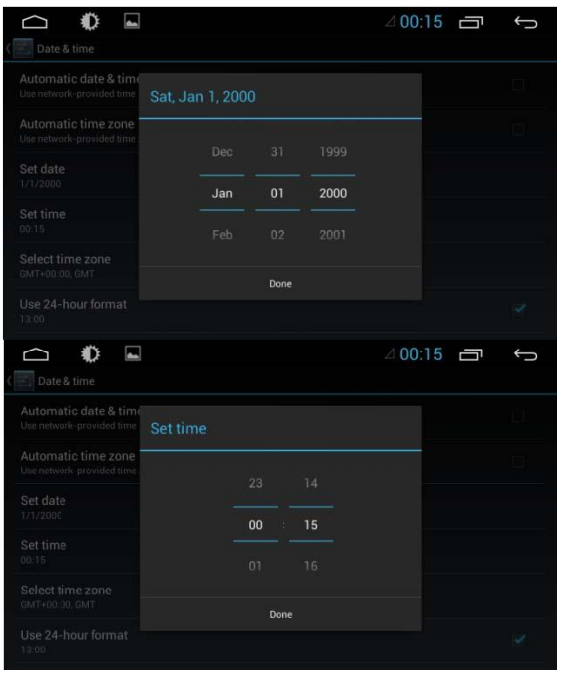
Tip: You can tap and hold the status indication bar to view the current day.

Note: The device software is under upgrading, the

status indicator may be different with your device; please refer to the actual device software.

1.6 Time and Date Setting This device has the function to automatically calibrate the current time on the condition that the GPS is active. You could also manually set the date, time zone and format. Applications> Settings > Date and Time > Setting Date or Setting Time Tip: You can set the time zone and time

request.



format according to

1.7 Text Entering When edit text, you could use existing method of entering and Android keyboard to edit English, numbers, and symbols etc., such as editing message, searching key words etc. Tip: The display format would be different according to different status and keyboard of the entering, please refer the actual one.

1.7.1 **Switch on the Entering Method**Open the text editing interface Click in the editing area, then the editing menu would appear. According to the input method, input method you want to use the midpoint of the input method menu, you can choose the

1.7.2 **Android Keyboard Input**

Switch the input method into Android keyboard (see switch input

Android keyboard or install third-party input method.

method)

Remark:

⑩ You can click the number sign key ?123 to switch to numbers and symbols input mode.

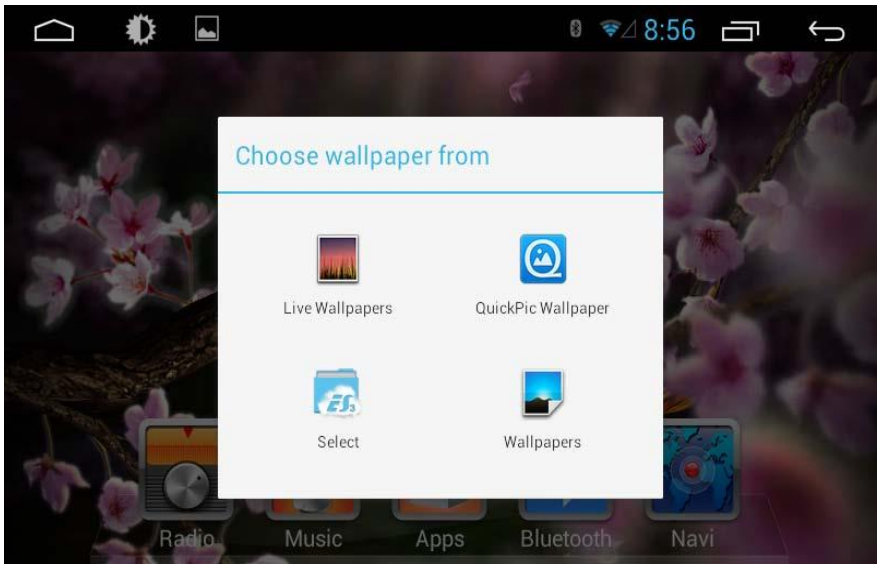
② Click to switch letter case.

2. Function Operations

2.1 Basic Settings

2.1.1 User Defined Home Screen

There are 5 main screens of this device, sliding left or right to switch. In any interface, you just need to click the HOME to back to main screen. **Note:** You could add shortcut, widget and file in



the

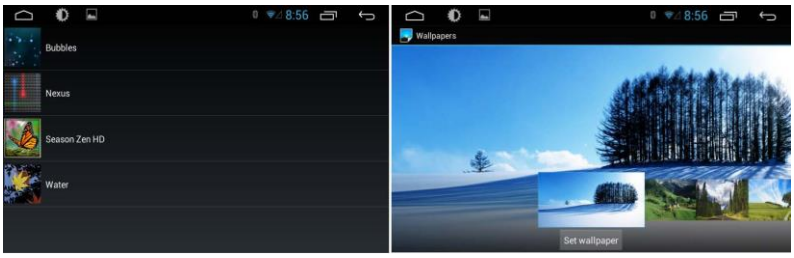
blank area of the main screen on the condition

2.1.2 Setting Wallpaper

Click the blank area of main screen> Wallpaper > Wallpaper or Pictures Bank Choose your preferred wallpaper and click to set as wallpaper.

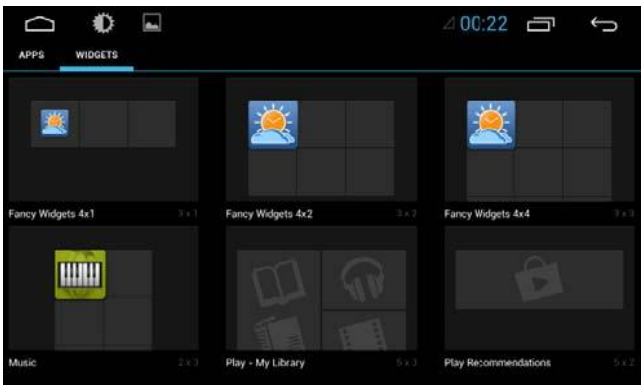
2.1.3 Shortcut

Click the blank area of main screen> shortcut > Choose Shortcut Click the shortcut needed.



2.1.4 Widget In application interface, slide to the right page> Widget Long press and then drag the chosen widget to add it in main menu.

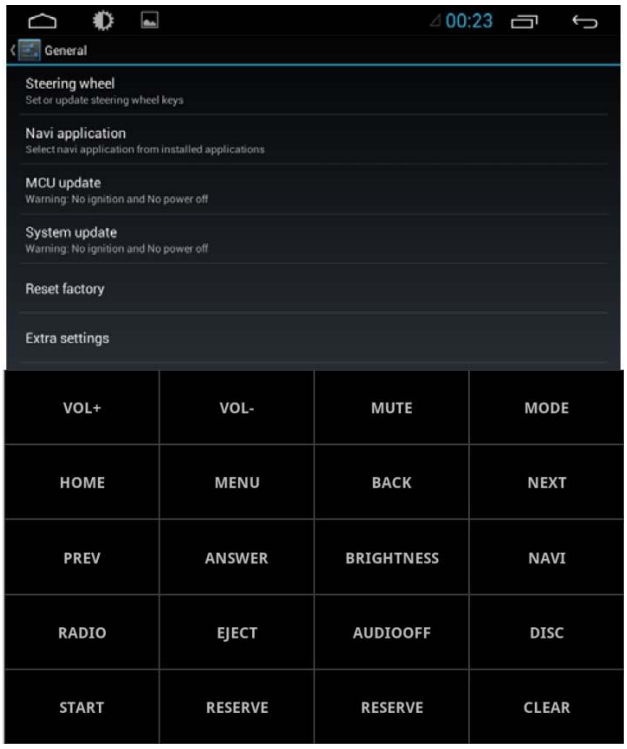
2.2 General



2.2.1 Steering Wheel

Users could set the steering wheel according to hint. Note:

Steering wheel interface is special for cars with buttons, but some cars' steering button are not able for study but by "can", such as Ford MONDEO Application>Setting > General Settings > Steering wheel Settings



Steering Wheel Interface

a. First to click “Start”
b. Click the buttons as you want.
c. Click the corresponding button on the wheel, if the study displays successful, there will be a change on the corresponding color on the main screen.
d. Repeat step 1 and 2 till you complete all the buttons’ setting on the steering wheel.
e. Click “END” to ensure that the steering wheel setting is completed. If you want the steering wheel button to re-learn, press the

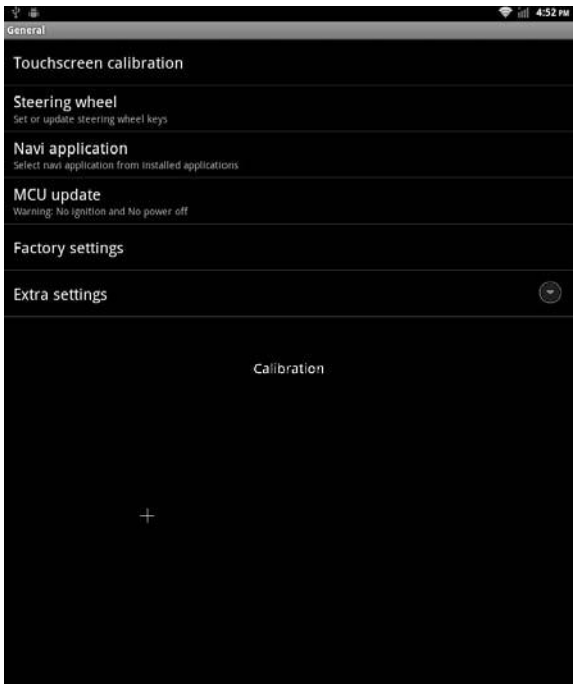
[CLEAR] Repeat a, b, c, three steps

2.2.2 Screen Calibration (For resistive screen only)

Applications> Settings

> General Settings

> Touch screen calibration Enter the calibration screen to calibrate the screen interface, please click as close as possible to the

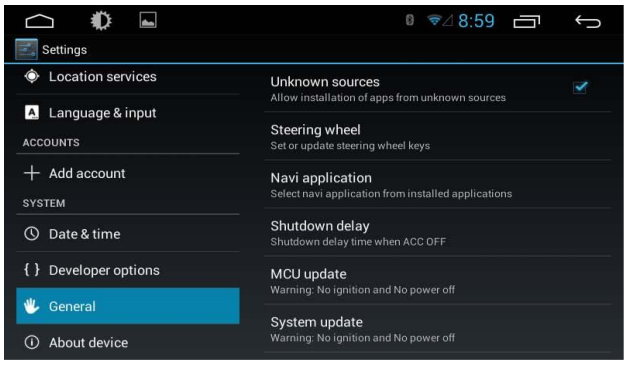


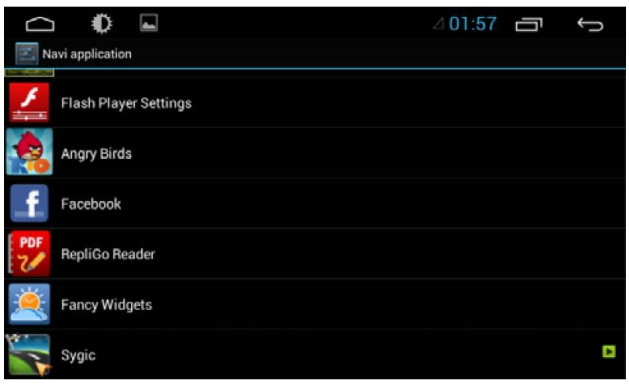
cross until a successful calibration, then exit the calibration screen.

2.2.3 Navigation application

Select appropriate map application, then it can be associated with the navigation button on the physical and navigation icon on the main screen. Applications> Settings

> General Settings > Navigation options > For example: GO





2.2.4 factory settings When the system is unable to work or there is problems after user used the system, it can be restored to the factory settings. Once it's restored to factory settings, all the third-party software would be deleted, and the current system settings would be lost. For navigation software, just need to install corresponding APK. Please operate carefully. Applications> Settings > General Settings > factory settings

2.3 Navigation

2.3.1 Navigation Software Installation

1. Copy the application program with suffix name “APK” to SD card or U disk. There are two installation methods: ① Click into the document

management interface to find SD card or U disk directory and select “APK” application,

File Management Interface Applications> File Management Interface > Expansion card or U disk

② Extra Interface->Application Program->Install Application Program Select the application program with suffix

named “APK” and install.

Application Program Interface

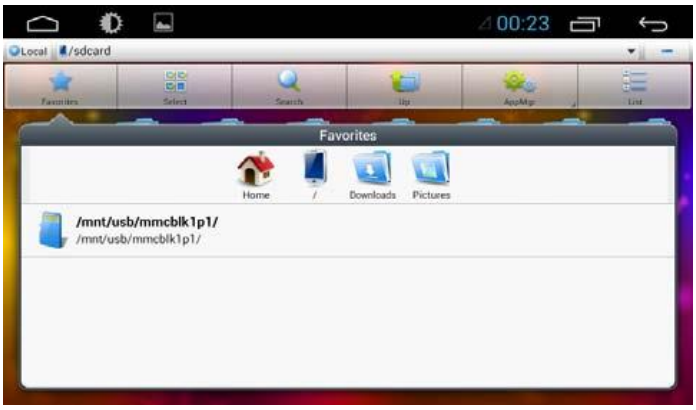
Application > Settings > Applications > Application Program Installation

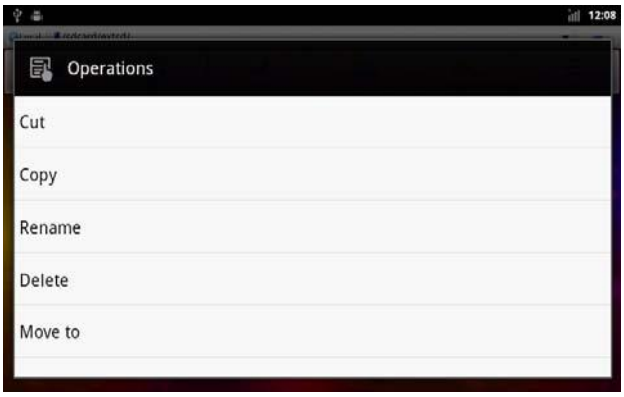
Note: Please copy the navigation map software to the system storage memory first, and then install the navigation APK. Steps are as follows:

1) Insert navigation data packets to the SD card or a U disc

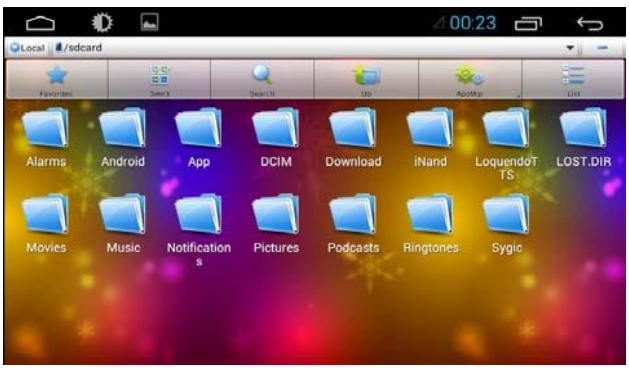
2) Start the ES file browser (or other document management software)

3) Enter the" /sdcard/Favorites/mnt/usb/mmcblk1p1" (SD) or" Favorites / mnt/usb/mmcblk1p1" (U-disk) directory, find the navigation packet directory (for example: APK (3rd party application)), long press





4) Go back to the "/sdcard/" directory, choose the paste command



5) Waiting for the copy is complete (30 minutes approximately /3.5G)

2. After successful installation required to choose you need to use the navigation application program, association panel on navigation physical keys NAVI and interface of the main navigation application icon (see 2.2.4navigation options).

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Icon	Button	Funciton
PWR/VOL	**Power/Volume**	① In the off state, press this button short, the system is turned on. ② In the boot state, press this button short, the system becomes mute; press this button, the system is shutdown. ③ Turn this button clockwise, the volume is increased. ④ Turn this button counterclockwise, the volume is decreased.
HOME	**Main Interface**	Click to enter into main interface.
MENU	**Main Menu**	①In each function, extended manipulation of information, press the MENU key to pop up; ②In the main interface, press the MENU key for the system to
BACK	**Back**	Click to back to the last interface.
NAVI	**Navigation**	Click to enter into GPS navigation interface.
DVD	**DVD Play**	Click to enter into disk play interface.

Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
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HOME	**Main Interface**	Click to enter into main interface.
		①In each function, extended manipulation of information, press the MENU key to pop up; ②In the

2.4 Radio

2.4.1 RADIO Press the RADIO button on panel or click the icon on the main menu to enter the radio interface, the specific functions and operations are as follows:

The functions of Icons in the radio interface are described below:

BAND

BAND

2.4.2 RDS

Radio interface with RDS Icon details as below:

2.5 Bluetooth Wireless Connection You could create a wireless connection between a mobile phone and this device for data exchange.

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Note: ⑩ There may be prohibition or restriction for Bluetooth devices, please abide by local laws.

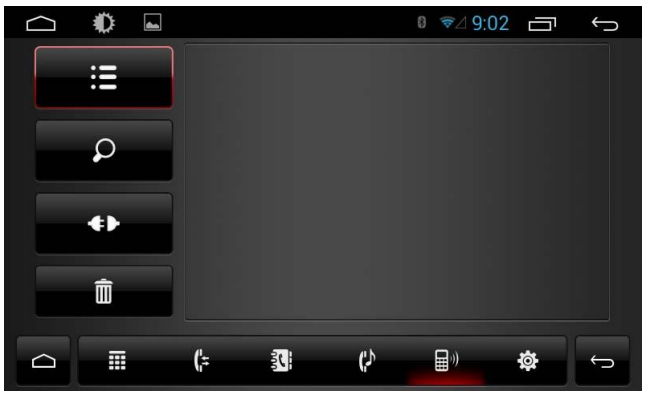
②In order to ensure bluetooth security by the greatest degree, you should in safe and non-public place when connecting a bluetooth device.

2.5.1 startup bluetooth application

Under the default status, the bluetooth would be turned on when the power is connected. Panel "PHONE" key to quickly enter the Bluetooth interface;

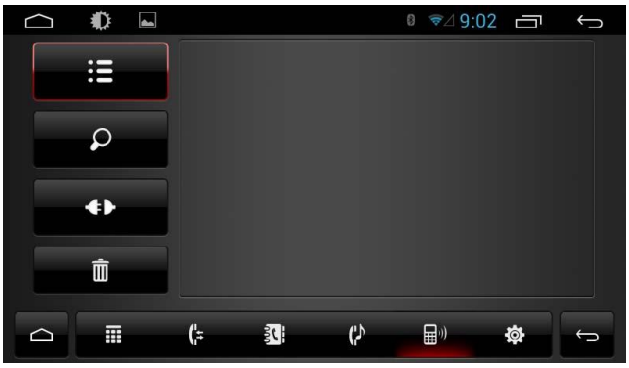
2.5.2 Bluetooth pairing The whole information of the Bluetooth interface, the mobile search auto-complete matching (the default passkey: 0000)

Matching refers to the mutual recognition process of two Bluetooth devices for the first communication. After the first connection, the subsequent

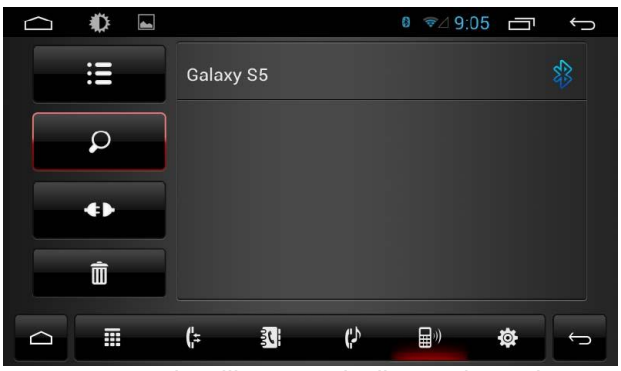


Press in Blue
Bluetooth search mode
around, press

communication connection will automatically pair and not have to pair every time. (depending on mobile phones).



Press in Bluetooth pairing interface, it will get into the status of the Bluetooth search mode and this machine is searching for Bluetooth devices



again will automatically terminate the search state.

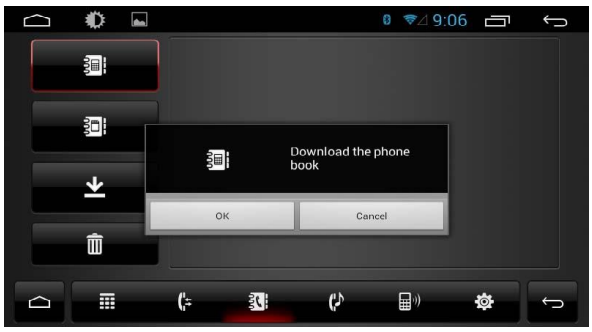
Choose the Bluetooth device name on the search results to match connection. It will automatically after the connection is successful jump to the matching list, and there will be a Bluetooth icon besides the successful connected Bluetooth devices " to enter the

Note: The following operations are performed in the Bluetooth pairing success and connect under the conditions of operation:

2.5.3 Bluetooth Phone Book

In the Bluetooth interface, click “

Bluetooth Address book interface. And follow the



download the phone book

A list of dial-up

Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

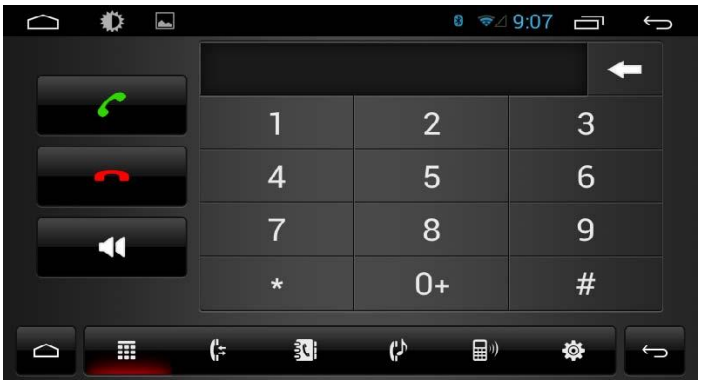
Icon	Button	Funciton
PWR/VOL	**Power/Volume**	① In the off state, press this button short, the system is turned on. ② In the boot state, press this button short, the system becomes mute; press this button, the system is shutdown ③ Turn this button clockwise, the volume is increased ④ Turn this button

operation when long names and numbers are used to scroll the display

Bluetooth Phone Book Interface

2.5.4 Phone

2.5.4.1 To achieve the dialing function via Bluetooth In the Bluetooth



Bluetooth

after entering phone number; Click to dial; press the ”to enter into the Bluetooth Dial interface.

Bluetooth phone Dial Records Interface

① Click numbers on the interface, if the input is wrong, click to delete

② Click

③Are on a switch to the phone call, press Mute for MIC.

④Function keys on the panel are unavailable when in the call; the function keys return to normal after hang up.

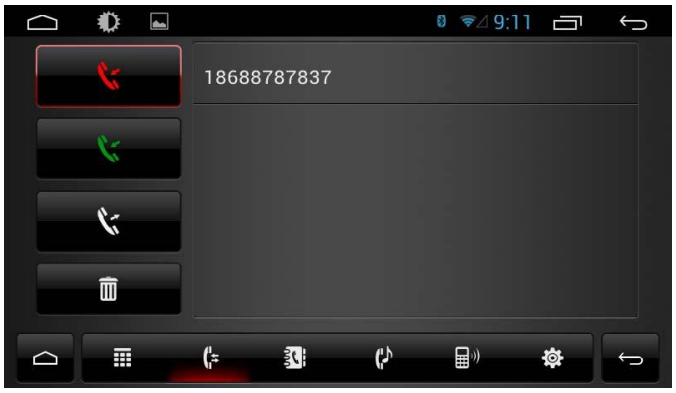
2.5.4.2 To achieve the called function via Bluetooth When the mobile When phone is connected with Bluetooth device and there is an incoming call, the interface is divided into two situations:

① In the Bluetooth Application Interface

Note: Click ② In other function interfaces the call is pickup the phone, and click m means to hang up, the small window will automatically disappear.

2.5.5 Call Record

In the Bluetooth interface, click “ ” to enter into bluetooth call history interface. Click for doing dial operation,



Call recording interface Remark: When the names and numbers are long, they would be displayed rollingly.

2.5.6

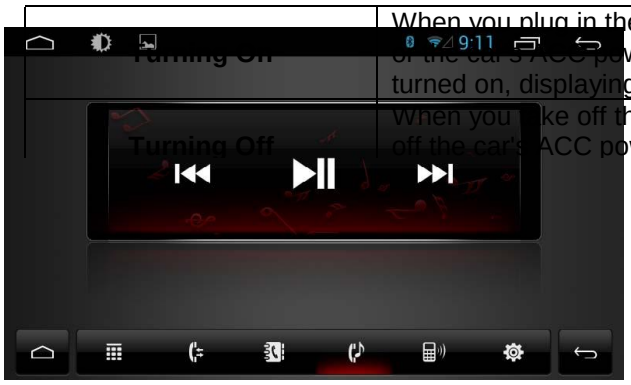
Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
		① In the off state, press this button short, the system is turned on. ② In the boot state, press this button

Bluetooth Music

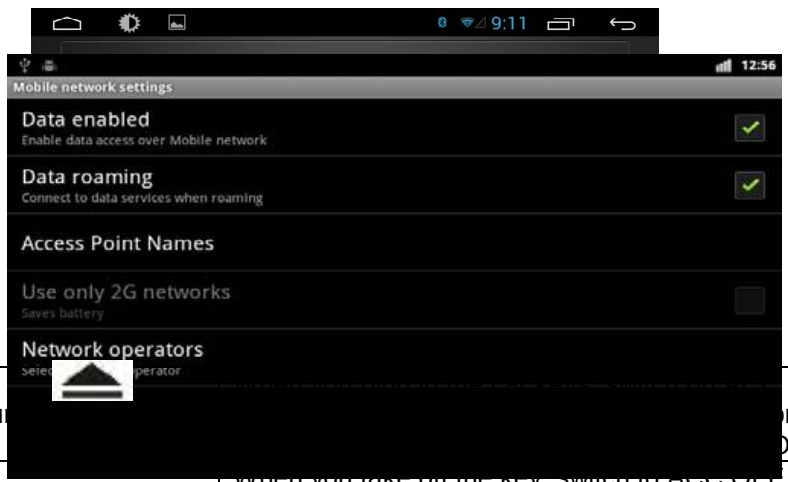
In the Bluetooth interface, click “ ” into Bluetooth Music Interface. When connected with bluetooth mobile phone, it can operate play/pause/down music function.

	When you plug in the car keys, switch on ACC START of the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be



Bluetooth Music Interface Note: Some kind of mobile phones need to start playing music player for bluetooth music when using bluetooth music function.

2.5.7 The whole Bluetooth hardware settings In Bluetooth interface, enter the Bluetooth settings screen.



Tu	START matically .
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
		① In the off state, press this button short, the system is turned on. ② In the boot state, press this button

2.6 3G Application

Applications Settings > Wireless and Net > Mobile network > Access Points

2.6.1 Allow a roaming

Applications> Settings > Wireless and Network > Mobile network

① Click a roaming, select OK.

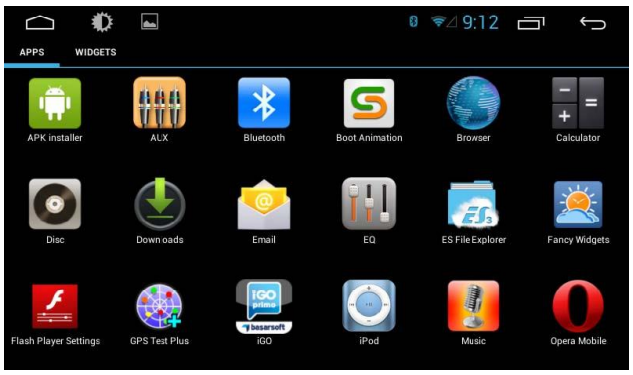
② If the recognition is successful, the access would automatically identify the type of 3G device to populate

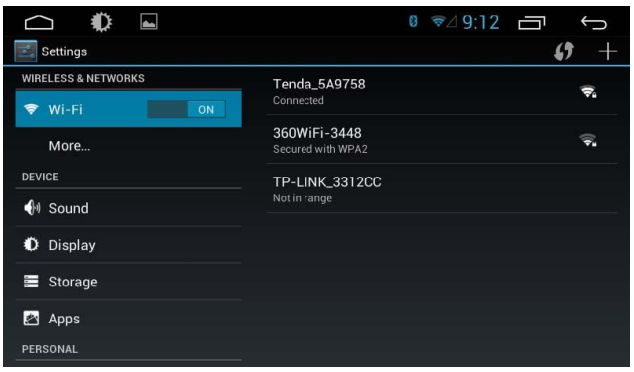
ote: please confirm data roaming open, ot BAND you cannot use the 3G function

2.6.2 Set the access point information

Use 3G, please 3G module connected to the USB interface, and available to confirm insert a 3G card.

SCAN



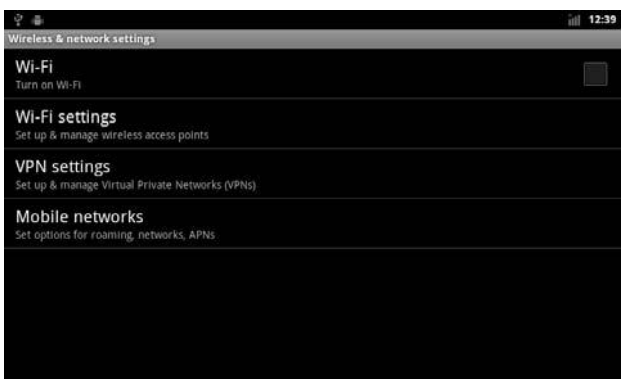


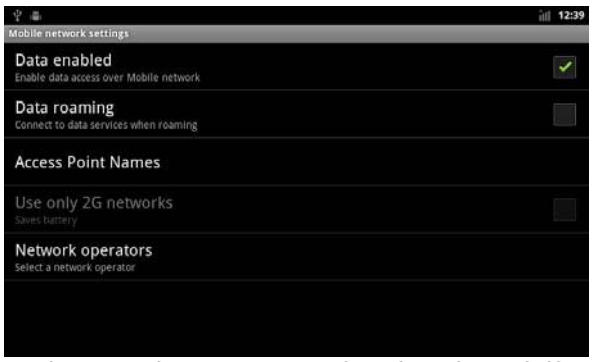
a.Enter the system main interface,

b. Select the "Settings" to enter the main interface.

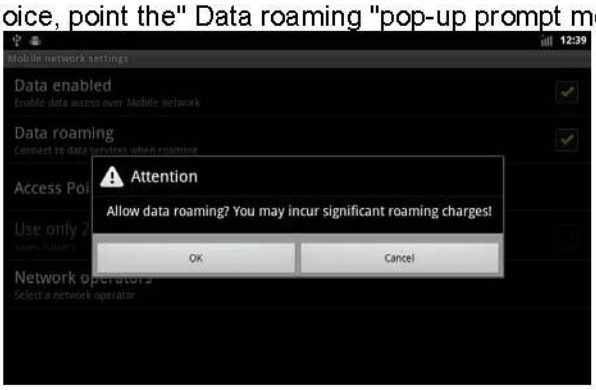
c. Select "Wireless networks", access to the network selection screen.

d. Select Mobile networks ", enter the mobile network settings of the main interface,


12:39
Wireless & network settings
Wi-Fi
Turn on Wi-Fi
Wi-Fi settings
Set up & manage wireless access points
VPN settings
Set up & manage Virtual Private Networks (VPNs)
Mobile networks
Set options for roaming, networks, APNs

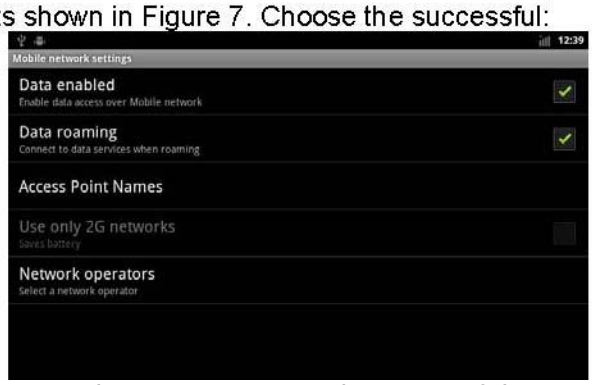


e.First make sure the " Data roaming "is selected, if you have no choice, point the" Data roaming "pop-up prompt menu, select" Ok

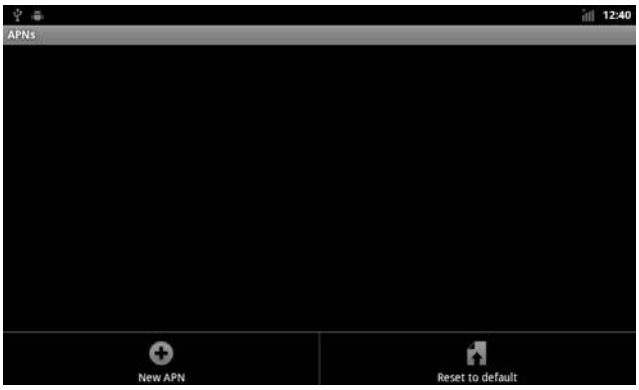


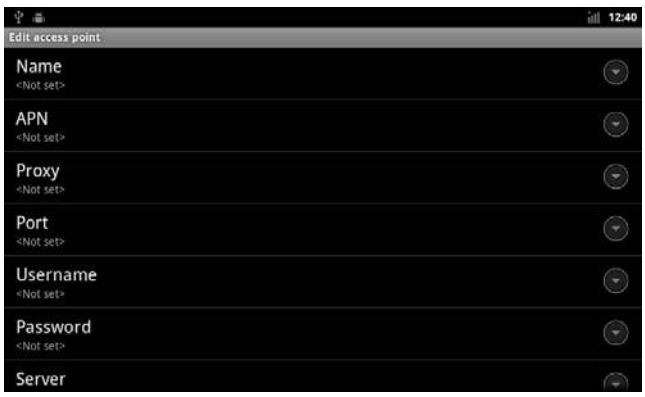
",

f. Results shown in Figure 7. Choose the successful:



g.Set the Access Point Names ", enter the name of the network access point settings to the main interface.





h. Press the "Menu" button on the machine panel, pop-up menu option.

i. Select "New APN" new "APN" into the "APN" to set the main interface.

j.Select the "Name" set Apn name, "Name" can easily set, input is complete, select "OK" to the end of the name set

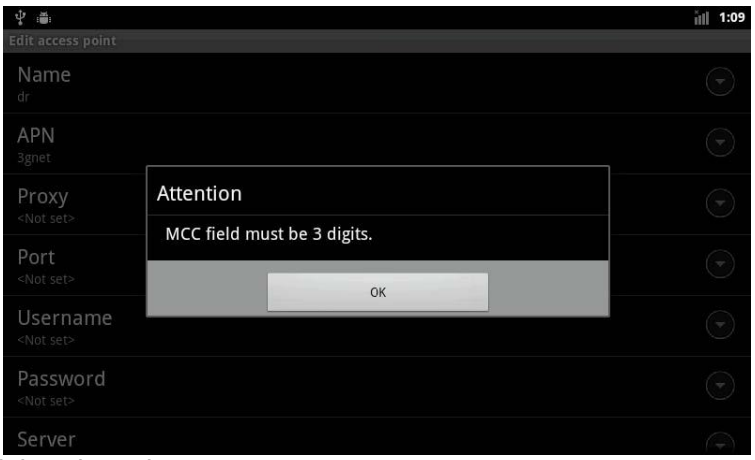
K. Select "APN", enter "the Apn access name in the Chinese mainland of China Unicom's 3G the APN settings for:" 3gnet "in Hong Kong, Macao and Taiwan and foreign, should be consulted local 3G network supplier, enter the correspondingAPN value.

l.Press the "Menu" button on the machine panel, pop-up menu option.

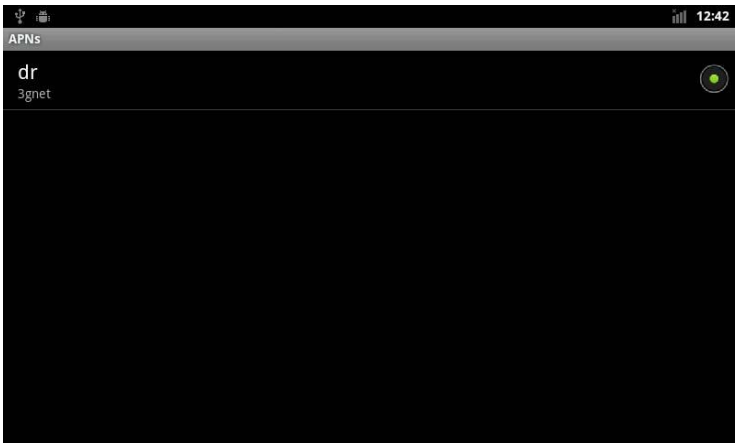
m. Select "Save" to save the settings content, and return to the main interface of Apn settings

n. When the following interface pops up, make sure that Step 1 is complete, press Home to return to the main interface, then repeat

o.In the Apn the main interface, select New APN network behind the circle, so



that it is selected can.



p. Back to the main interface, the3G network has opened, the search to the 3G signal, can use3G network.

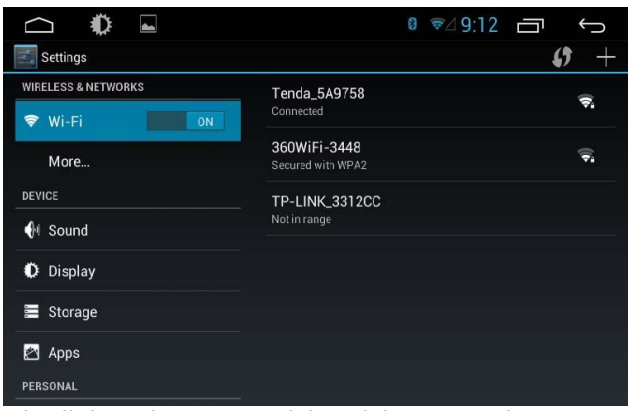
2.7.1 WLAN

You can use the WLAN high-speed Internet access and download.

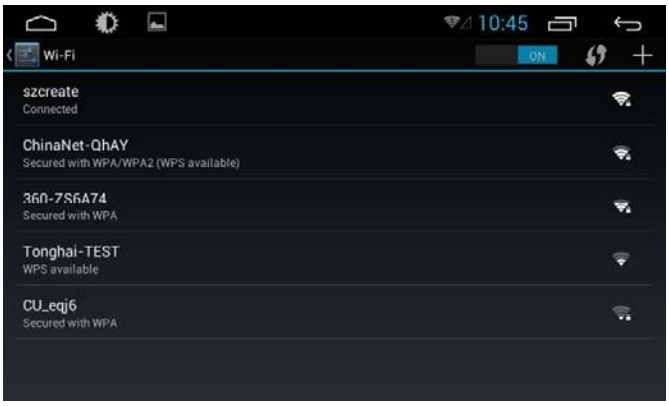
Applications> Settings

> Wireless & networks setting

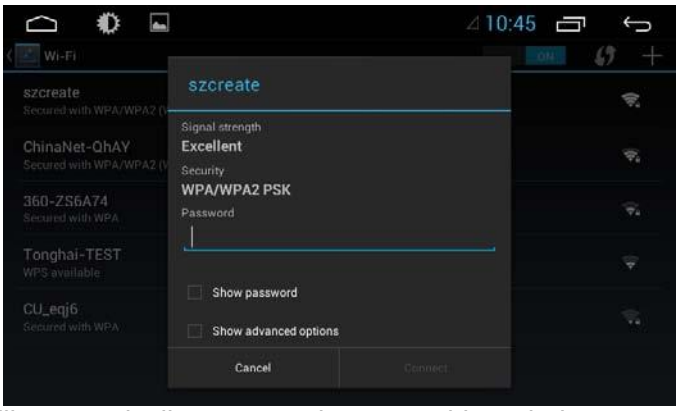
1. Open WI-FI device
2. WI-FI settings search. If WI-FI is open, the device will automatically scan the network, listing all of the network within the search range



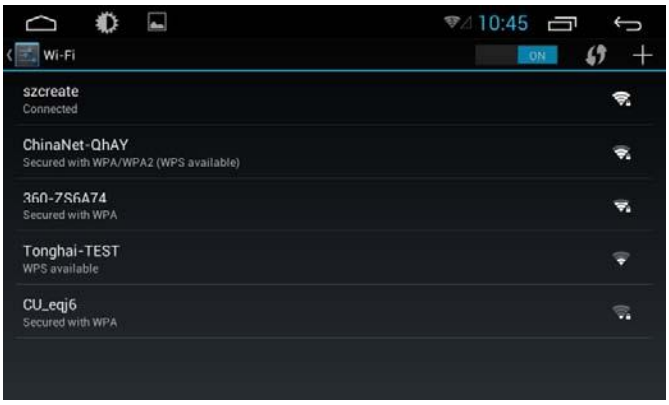
3. Click on the link to the connectivity of the network
4. If required, enter wireless password, click on the link, as shown below:



The first input password to connect successfully, then don't do this, reboot the



system will automatically connected to a matching wireless network.

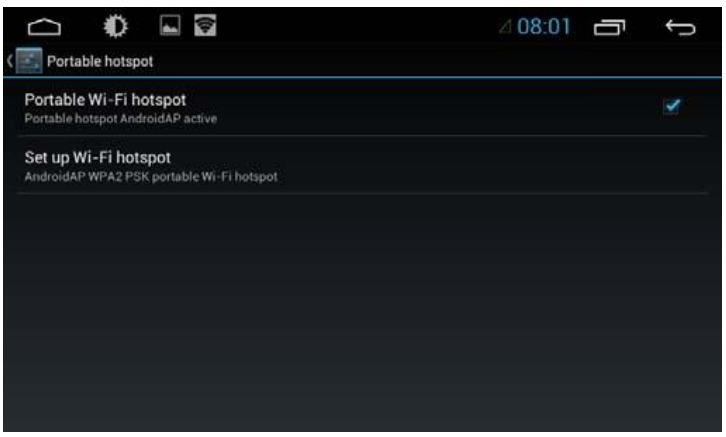


Successful connection interface

2.7.2 Wi-Fi Hotspot You can use the Wi-Fi hotspot function for high-speed Internet access and download.

. Insert the 3G Dongle

. Applications> Settings > More > Portable hotspot



Connection and Setting interface

2.8 Multimedia

2.8.1 Equalizer

Applications > Equalizer Click equalizer application icon into the equalizer interface.

Or click to enter into EQ Setup operation in all audio or video playing interface. Equalizer settings interface is divided into two functions: namely, equalizer and sound field settings function.

① In the equalizer settings interface provides 8 kinds of audio playback mode choose:

Equalizer settings interface

Note: In the Normal mode, users can customize effects model through the effect adjuster.

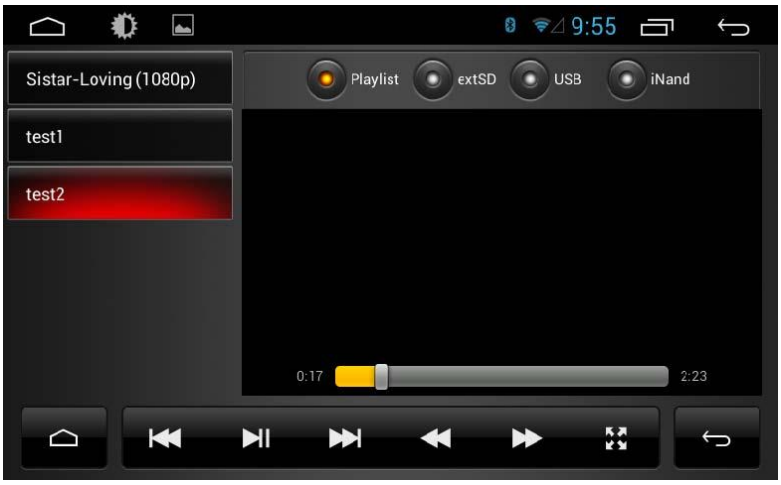
② In a field setting interface the user can freely adjust the bass and loudness

of the contrast, the user can also on the front left, front right, left, right after the four angularly audio settings, as shown

Balance Setup Interface

Note: the subwoofer adjustment is only effective when it is linked to external 5.1 amp.

2.8.2 DVD Play Insert the DVD disk the system will automatically enter the DVD interface and read the disk information automatically



when a disk is detected and then start to play normally.

DVD Play Interface Function details as below:

Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
PWR/VOL	**Power/Volume**	① In the off state, press this button short, the system is turned on. ② In the boot state, press this button short, the system becomes mute; press this button, the system is shutdown ③ Turn this button clockwise, the volume is increased ④ Turn this button counterclockwise, the volume is decreased.
HOME	**Main Interface**	Click to enter into main interface.
MENU	**Main Menu**	①In each function, extended manipulation of information, press the MENU key to pop up; ②In the main interface, press the MENU key for the system to quickly set function
BACK	**Back**	Click to back to the last interface.
NAVI	**Navigation**	Click to enter into GPS navigation interface.
DVD	**DVD Play**	Click to enter into disk play interface.
PHONE	**PHONE**	Click to enter into Bluetooth telephone interface.
RADIO	**RADIO**	Click to enter into radio interface for receiving FM1/FM2/ AM radio
TUNE	**Compound**	①in the audio and video playback interface, up / down one player ②In the radio interface up / move down frequency
	In/OutDisc Button	disk in and out
SD	**SD Media Card slot**	Insert the appropriate memory card, multimedia file system can read the card
USB	**USB Socket**	①Connect other devices by USB socket. ② Connecting an external WIFI/3G dongle
RESET	**Reset Button**	Click reset button to reset system and re-start.

2.8.3 CD Player Insert a CD disc, the system will automatically enter the CD interface, when a disc is detected, it will automatically read the

disc information and start normal play.

CD Play Interface Function details as below:

Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
PWR/VOL	**Power/Volume**	① In the off state, press this button short, the system is turned on. ② In the boot state, press this button short, the system becomes mute; press this button, the system is shutdown ③ Turn this button clockwise, the volume is increased ④ Turn this button counterclockwise, the volume is decreased.
HOME	**Main Interface**	Click to enter into main interface.
MENU	**Main Menu**	①In each function, extended manipulation of information, press the MENU key to pop up; ②In the main interface, press the MENU key for the system to

Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
PWR/VOL	**Power/Volume**	① In the off state, press this button short, the system is turned on. ② In the boot state, press this button short, the system becomes mute; press this button, the system is shutdown. ③ Turn this button clockwise, the volume is increased ④ Turn this button counterclockwise, the volume is decreased.
HOME	**Main Interface**	Click to enter into main interface.

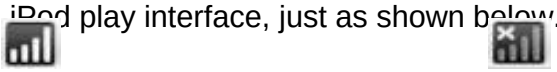
2.8.4 iPod Play

Application> iPod Click the iPod application icon to enter into the

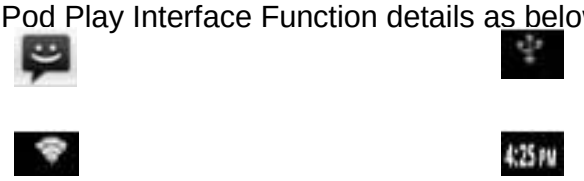
Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
PWR/VOL	**Power/Volume**	① In the off state, press this button short, the system is turned on. ② In the boot state, press this button short, the system becomes mute; press this button, the system is shutdown ③ Turn this button clockwise, the volume is increased ④ Turn this button counterclockwise, the volume is decreased.
HOME	**Main**	Click to enter into main interface.

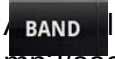
iPod play interface, just as shown below.



iPod Play Interface Function details as below:



2.8.5 Audio Play



Player supports the following formats: mp3/aac/flac/wav/amr/m4a/ogg Application>Music Click music application icon to enter into the music player interface, as shown

Artist Interface

Music Play Interface Function

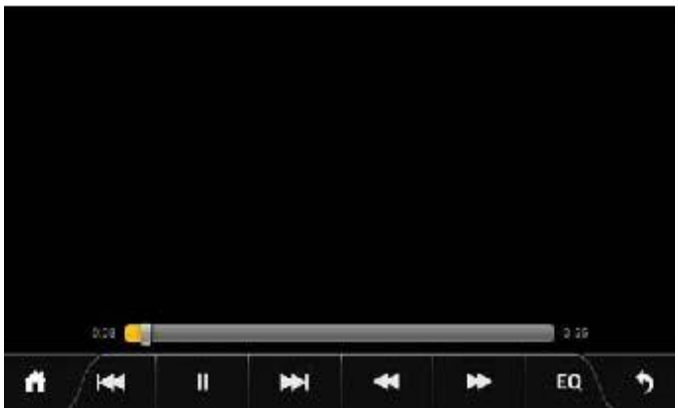
as below:

Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
PWR/VOL	**Power/Volume**	① In the off state, press this button short, the system is turned on. ② In the boot state, press this button short, the system becomes mute; press this button, the system is shutdown ③ Turn this button clockwise, the volume is increased ④ Turn this button counterclockwise, the volume is decreased.
HOME	**Main Interface**	Click to enter into main interface.
MENU	**Main Menu**	①In each function, extended manipulation of information, press the MENU key to pop up; ②In the main interface, press the MENU key for the system to quickly set function
BACK	**Back**	Click to back to the last interface.
NAVI	**Navigation**	Click to enter into GPS navigation interface.
DVD	**DVD Play**	Click to enter into disk play interface.
PHONE	**PHONE**	Click to enter into Bluetooth telephone interface.
RADIO	**RADIO**	Click to enter into radio interface for receiving FM1/FM2/ AM radio
		①in the audio and video playback interface, up / down

Video Playing

Supporting form of the video player: mp4/avi/wmv/3gp/flv/saf/mov/mkv/mpg Application >Video Press Video application icon to enter into video playing interface, take a photo for example.

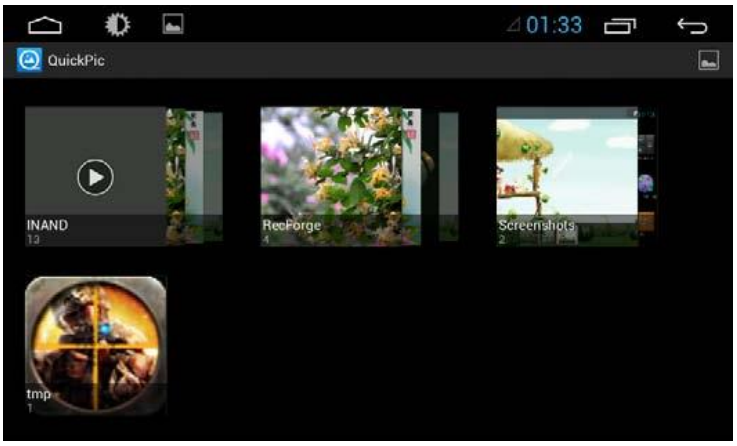


Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
		① In the off state, press this button short, the system

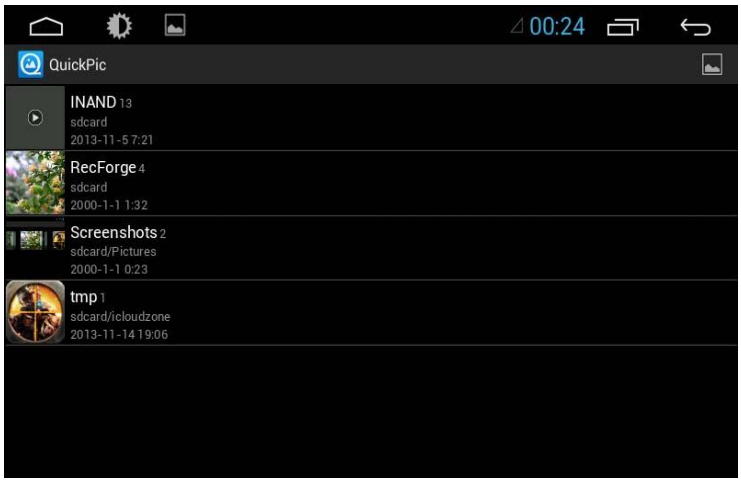
The detail of the button function of video playing interface

2.8.7Picture Browse



Applications > photo Album. Click the symbol under the application menu to enter into

Picture Browse Interface picture at random or click



Click

back into last content, you can move the

to skimming

picture right and left.

Picture Skimming Interface(Personality display)

Click any picture enter into single picture skimming mode, detail as below.

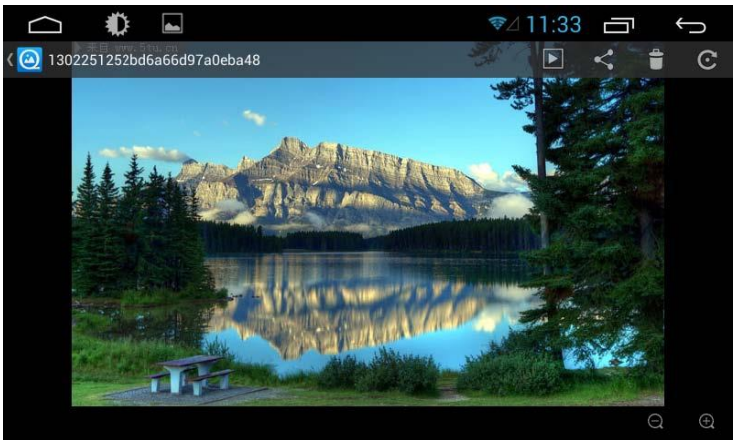
To move the picture left and right by one's hand to view the photo, normal states the

Click

photo to change the photo's size. Click the symbol to enter into the skimming mode for all photos.

under the to double-click

symbols, it will do other function operation.



Single Picture Skimming Interface(Other Function Operation) Function Explanation,

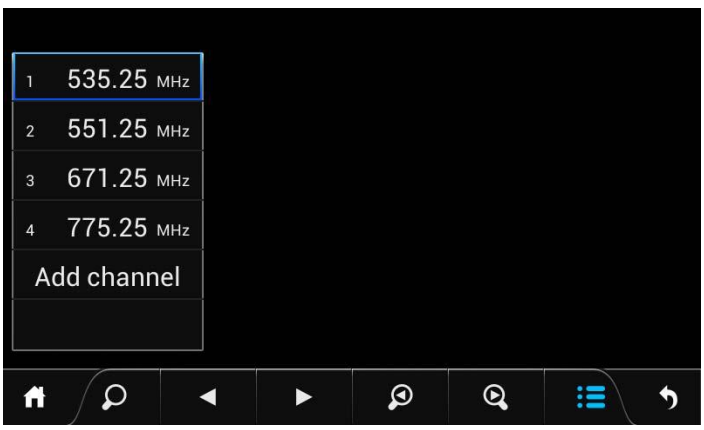
Turning On	When you plug in the car keys, switch on ACC STA or the car's ACC power, the device will be automatic turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or t off the car's ACC power, the device will automatical shut down.

Icon	Button	Funciton
PWR/VOL	**Power/Volume**	① In the off state, press this button short, the syste is turned on. ② In the boot state, press this button short, the system becomes mute; press this button, system is shutdown ③ Turn this button clockwise, volume is increased ④ Turn this button counterclockwise, the volume is decreased.
HOME	**Main Interface**	Click to enter into main interface.
MENU	**Main Menu**	①In each function, extended manipulation of information, press the MENU key to pop up; ②In th main interface, press the MENU key for the system quickly set function
BACK	**Back**	Click to back to the last interface.
NAVI	**Navigation**	Click to enter into GPS navigation interface.

Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
PWR/VOL	**Power/Volume**	① In the off state, press this button short, the system is turned on. ② In the boot state, press this button short, the system becomes mute; press this button, the system is shutdown ③ Turn this button clockwise, the volume is increased ④ Turn this button counterclockwise, the volume is decreased.
HOME	**Main Interface**	Click to enter into main interface.
MENU	**Main Menu**	①In each function, extended manipulation of information, press the MENU key to pop up; ②In the main interface, press the MENU key for the system to quickly set function.
BACK	**Back**	Click to back to the last interface.
NAVI	**Navigation**	Click to enter into GPS navigation interface.
DVD	**DVD Play**	Click to enter into disk play interface.
PHONE	**PHONE**	Click to enter into Bluetooth telephone interface.

Note: hot-swappable SD card is prohibited, otherwise it may cause data loss.



2.8.8 Digital TV

Application > Digital TV Click Digital TV application icon into the digital TV interface The details of digital TV function interface are as below.

Note：

For more details of description of the digital TV, please refer to the digital TV instruction.

2.8.9 Analog TV

Application > Analog TV Click Analog TV Icon to enter into Analog TV playing interface, details as below.

2.9 AUX IN Function

To ensure after video source under the normal state when it is access. Application > AUX IN

Press screen to come out a hide menu, click enter into EQ setting interface, it can adjust EQ effects,

click

to back into last content, click

to back into system menu.

2.10 Rear View

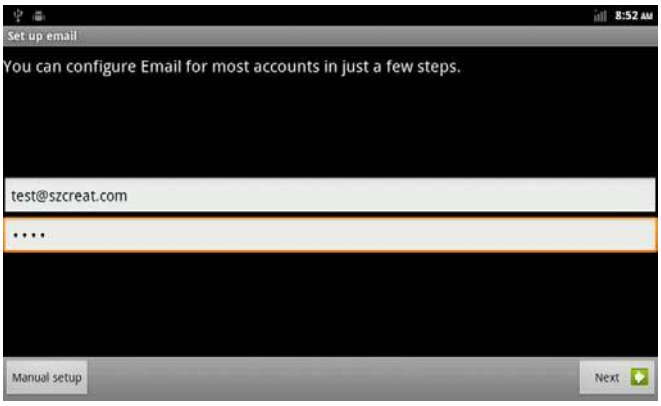
Auto start reverse gear, such as with a mirror, the system switches to the rear-view mirror screen output automatically, audio output sound still; if not equipped with rear-view mirror, the system remains the same player

2.11 E-mail

Users could use “Email” to send or receive email message. Remark ； Email messages could be sent and received based on the connection of Internet. Please contact your network service provider for the detailed setting parameters.

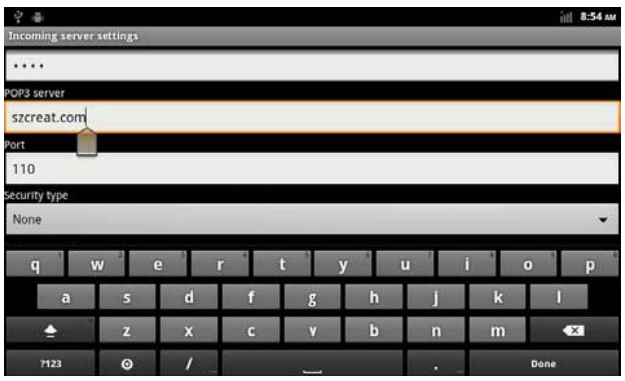
2.11.1 Email Setting

Application > E-mail Enter a email address and password, then click next step to set account name, your name and signature, then click finish. Users could also manually set the email account:

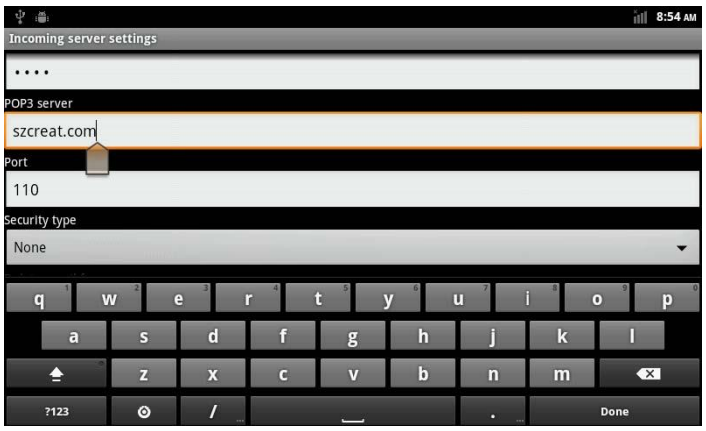


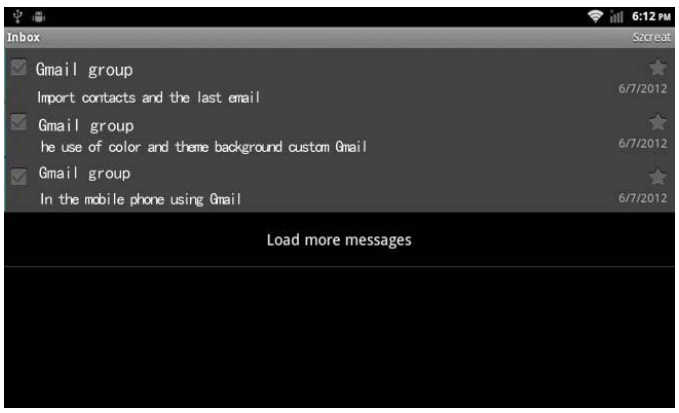
1. Enter email address and password;

2. Click to manual setting, select the type of E-mail account.(For example: POP3、IMAP、Exchange)



3. Set the receiving server, port. etc
4. Set the outgoing server, port, etc.





5. Establish the new account

6. Enter E-mail Interface

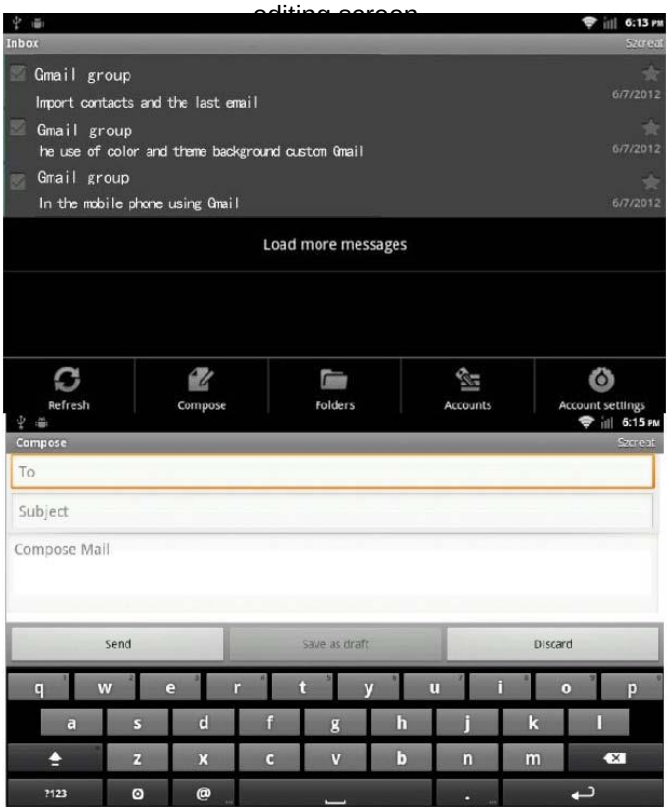
2.11.2 Sending E-mail

You can give one or more recipients to send mail. You can manually add the recipient and choose from your address book before sending E-mail.

Application > E-mail

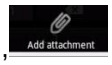
open the mail message editing screen.

Press the "MENU" panel,

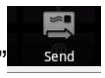


1.It needs to input recipient, click recipient, put in recipient e-mail address.

If necessary, press the panel "MENU" and select menu " function keys> Add Cc / Bcc, enter the Cc or Bcc recipient address.

2.Click the topic, enter a subject, click the letter input area, enter the desired content. According to the panel "MENU", the pop-up function keys, add an attachment , 

select the desired option, and insert the required documents

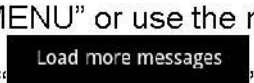
3. Click " " 

to send E-mail

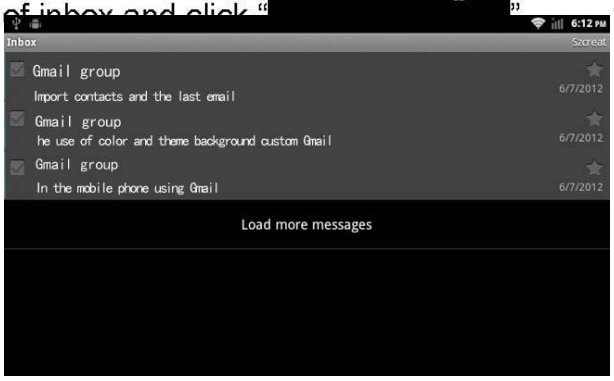
2.11.3 E-mail input

Application > E-mail 1.Instruments link the server and download the

Press the "

" in "MENU" or use the mouse to slide to the end of inbox and click " 

"



E-mails, and then save the received E-mails information in the inbox.

a. Choose the E-mail you needed so that you can read it.
b. Press “MENU” key when you are reading the E-mail and click “ Forward” to transfer the E-mail to the other customers or click “ reply” directly, edit the message and send the E-mail to the sender.

Device Screen Capture
Refresh
Rotate
Save
Copy
Done
Captured image:
6:24 PM
Gmail
6/7/2012
To: z l
6:46 PM
Import contacts and messages
You can from Yahoo!, Hotmail, AOL and many other webmail services or POP account import your contacts and messages. If you need, we can even in the next 30 days continued to import your mail.
Import contacts and messages
We know that the switching e-mail account is very troublesome, so hopefully the import feature allows the message conversion to Gmail process becomes easier.
Reply
Reply all
Delete

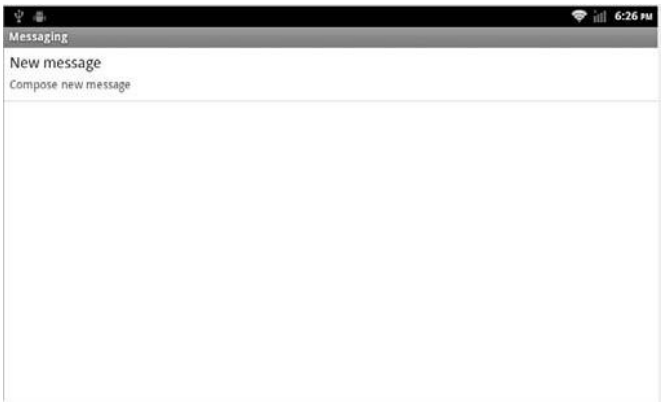
2.12 Message Functions

You can send and receive short messages or MMS which contains multimedia documents.

2.12.1 Compose New Mails

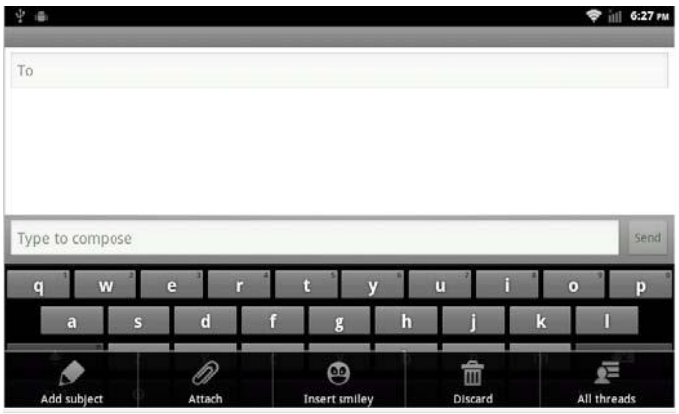
Application> information >Messaging Button >New message

Enter into the interface of composition, and follows as



below.

1. Input the E-mail receiver



2. Input the words information you want to send.
3. Click “send” and send the E-mails

2.12.2 E-mails reply

When you receive new inbox, instructions column will display at the top of the computer and issue the prompts. Application> information After click “Corresponding information”

1. Click the “version input area”
2. Edit your replied information in the version input area and click “Reply-and-send” E-mail.

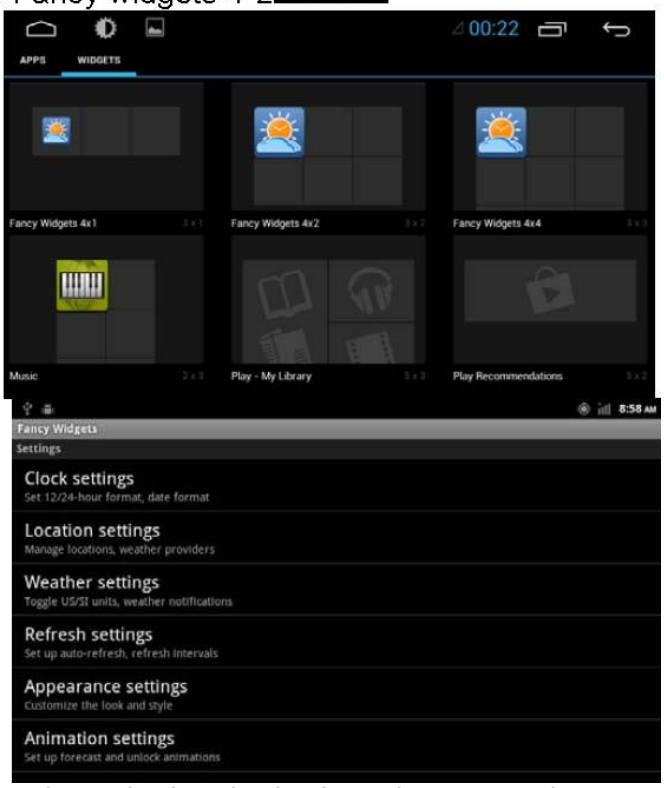
2.13 Applications

2.13.1 Weather

Application> Weather Interface> long press interface

>Widgets

>Fancy widgets 4*2

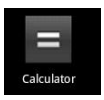


Enter the region selection, in the input box, enter the query you want to determine the area, click the icon to search as shown in the figure:

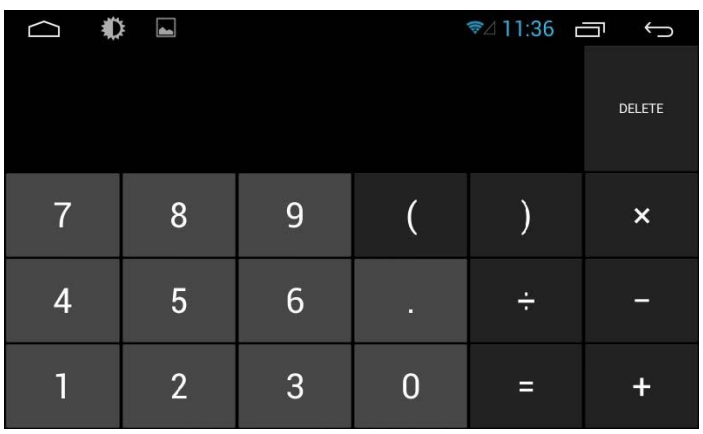
Search interface

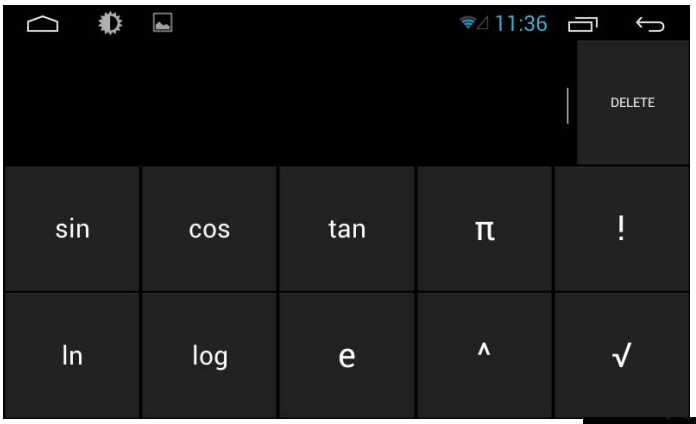
2.13.2 Calculator

Application> Calculator



There are two display Panel, basic and senior on the calculator, press MENU> senior or basic, or move from left to right, to chance freely in the two panel.





Remark, press MENU> delete the record

2.13.3 Electronic reader

According to the user's requirement to install the electronic reader, users can also install the third party reader software. The system's user manual is placed in the electronic reader.

3 Firmware Upgrading

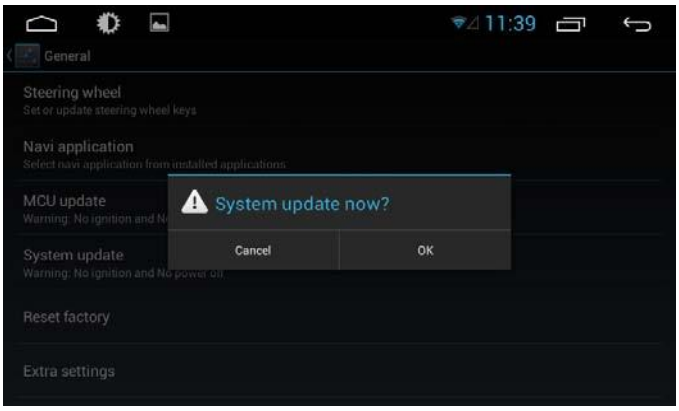
3.1 preparing for upgrade

1. Firstly, format your SD card for what you use to firmware upgrade.

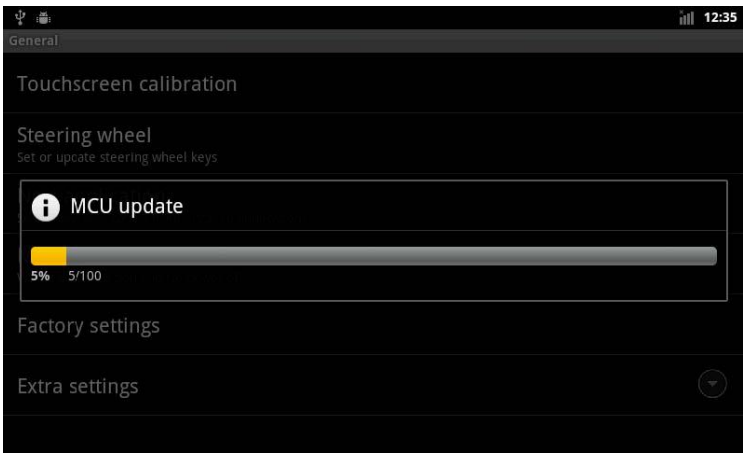
3.2. update MCU

3.2.1 copy "318a2e70-44bf-11e1-b1cf-000c29ba27c0" to the root directory of SD card，and Inserted into the machine SD card slot.

3.2.2 Start to update MCU(Settings->General->MCU update)，click OK



3.2.3Wait for the upgrade is completed. The system will automatically restart after the upgrade is completed, please don't Ignition or shut down during the upgrade process.



3.3 Update system

3.3.1. copy "u-boot-skip.bin、uImage、uramdisk.img、 system.img" to the root directory of SD card，and Inserted into the machine SD card slot.

3.3.2、Shutdown

3.3.3. Press and hold any panel buttons，and boot，the system will enter the upgrade interface automatically.

Turning On	When you plug in the car keys, switch on ACC START or the car's ACC power, the device will be automatically turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or turn off the car's ACC power, the device will automatically be shut down.

Icon	Button	Funciton
PWR/VOL	Power/Volume	① In the off state, press this button short, the system is turned on. ② In the boot state, press this button short, the system becomes mute, press this button, the system is shutdown ③ Turn this button clockwise, the volume is increased. ④ Turn this button counterclockwise, the volume is decreased.
HOME	Main Interface	Click to enter into main interface.
MENU	Main Menu	①In each function, extended manipulation of information, press the MENU key to pop up; ②In the main interface, press the MENU key for the system to quickly set function.
BACK	Back	Click to back to the last interface.
NAVI	Navigation	Click to enter into GPS navigation interface.
DVD	DVD Play	Click to enter into disk play interface.
PHONE	PHONE	Click to enter into Bluetooth telephone interface.
RADIO	RADIO	Click to enter into radio interface for receiving FM1/FM2/ AM radio
TUNE	Compound	①in the audio and video playback interface, up / down one player ②In the radio interface up / move down frequency
	In/OutDisc Button	disk in and out
SD	SD Media Card slot	Insert the appropriate memory card, multimedia file system can read the card

Icon	Button	Funciton
PWR/VOL	Power/Volume	① In the off state, press this button short, the system is turned on. ② In the boot state, press this button short, the system becomes mute, press this button, the system is shutdown ③ Turn this button clockwise, the volume is increased. ④ Turn this button counterclockwise, the volume is decreased.
HOME	Main Interface	Click to enter into main interface.
MENU	Main Menu	①In each function, extended manipulation of information, press the MENU key to pop up; ②In the main interface, press the MENU key for the system to quickly set function.
BACK	Back	Click to back to the last interface.
NAVI	Navigation	Click to enter into GPS navigation interface.
DVD	DVD Play	Click to enter into disk play interface.
PHONE	PHONE	Click to enter into Bluetooth telephone interface.
RADIO	RADIO	Click to enter into radio interface for receiving FM1/FM2/ AM radio
TUNE	Compound	①in the audio and video playback interface, up / down one player ②In the radio interface up / move down frequency
	In/OutDisc Button	disk in and out
SD	SD Media Card slot	Insert the appropriate memory card, multimedia file system can read the card

3.3.4 The system will automatically restart after update. (The system will enter the touch screen calibration interface after the restart, please complete it.)

3.3.5、If one or more errors occur，please Ignore and repeat step 2 to step 4.

3.4. Update DVD

3.4.1 Burn "dvdrom.bin" to CD-ROM，and inserted into the machine dish mouth

3.4.2 Wait for the update is complete.

3.4.3 Eject the disc

4. Trouble handle

When your equipment met troubles, please check the problems as below.

5.Specification

Operating voltage: DC 12V Operating voltage range: 10.8V ~ 16V Maximum operating current: 10A Installation size：167*178*100mm Installation angle: The front and rear inclination is less than 30°

FM radio part

Frequency range: 87.5-108MHz (Europe) 87.5-107.9MHz (America) 36 stations preset Sensitivity (-30dB):12dBu SNR (-50dB):15dBuV Frequency response range: 30Hz~15KHz (±3dB)

AM radio part

Frequency range: 522-1620KHz (Europe) 530-1710KHz (America) 18 stations preset Sensitivity (SN=20dB): 20dBuV Mirror-image suppression: 60dB Frequency response: 50Hz ~2KHz (±3dB)

DVD/CD play part

Compatible discs and format: DVD-R, DVD-RW, DVD+R, DVD+RW, CD-R, CD-RW, CD-DA, MP3, WMA,,SVCD, VCD, MPEG, JPEG Audio SNR: 85dBA Dynamic range: 95dB Frequency response:50Hz ~2KHz（±3dB） Digital audio sampling: 24bit Electronic shock protection (ESP):

Mechanical shock protection: 10~200Hz, X/Y/Z:1.0G Power output: 4*45W, impedance 4 Ohm SRN: 70dB

Turning On	When you plug in the car keys, switch on ACC ST or the car's ACC power, the device will be automa turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, o off the car's ACC power, the device will automatic

Display screen part

Screen dimension:7”/6.2” Screen type: TFT Response time: Response =30ms, fall

Turning On	When you plug in the car keys, switch on ACC STAR or the car's ACC power, the device will be automatica turned on, displaying the boot animation LOGO.
Turning Off	When you take off the key, switch to ACC OFF, or tur off the car's ACC power, the device will automatically shut down.

Icon	Button	Funciton
PWR/VOL	**Power/Volum e**	① In the off state, press this button short, the systen is turned on. ② In the boot state, press this button short, the system becomes mute; press this button, t system is shutdown ③ Turn this button clockwise, th volume is increased ④ Turn this button counterclockwise, the volume is decreased.
HOME	**Main Interface**	Click to enter into main interface.
MENU	**Main Menu**	①In each function, extended manipulation of information, press the MENU key to pop up; ②In the main interface, press the MENU key for the system t quickly set function
BACK	**Back**	Click to back to the last interface.
NAVI	**Navigation**	Click to enter into GPS navigation interface.
DVD	**DVD Play**	Click to enter into disk play interface.
PHONE	**PHONE**	Click to enter into Bluetooth telephone interface

=50ms Pixel: 384,000 Pixels Angular field: Top view =65°, bottom view =40°， Left view =65°, Right